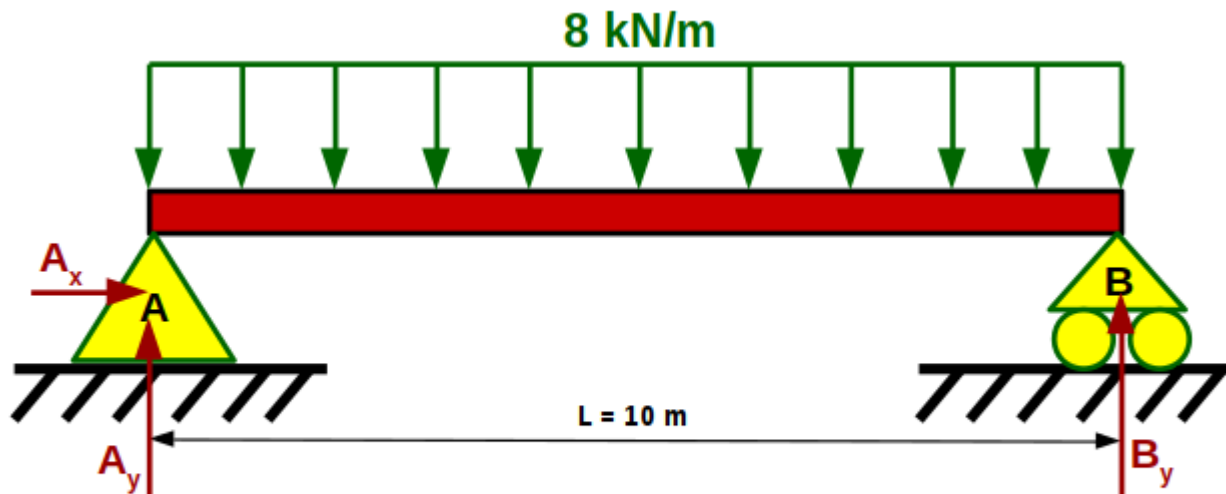


Date: 9<sup>th</sup> October 2018

*This simply supported beam is supported by a pin at A , a roller at B, and has a uniformly distributed load acting throughout the entire span, find the reactions at A and B.*



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**Answers (refer to solutions for detail)**

$$A_x = 0$$

$$A_y = 40\text{ kN}$$

$$B_y = 40\text{ kN}$$